

METHODS AND APPARATUS FOR READING MEMORY DEVICE
REGISTER DATA

ABSTRACT OF THE DISCLOSURE

A methods and apparatus for reading register data from a memory device and outputting the register data to external data terminals of the memory device that outputs a first set of data bits from a memory array to the external terminals responsive to a first addressing signal. A register stores data, and outputs a second set of data bits responsive to a second addressing signal. A coupling circuit receives the second set of data bits, processes the data bits, and outputs a third set of data bits corresponding to the second set of data bits responsive to an enabling signal. A data path circuit that is coupled to the memory array to receive the first set of data bits is coupled to the coupling circuit to receive the third plurality of data bits, and to the external terminals. The data path circuit transmits the data bits received to the external terminals of the memory device.